

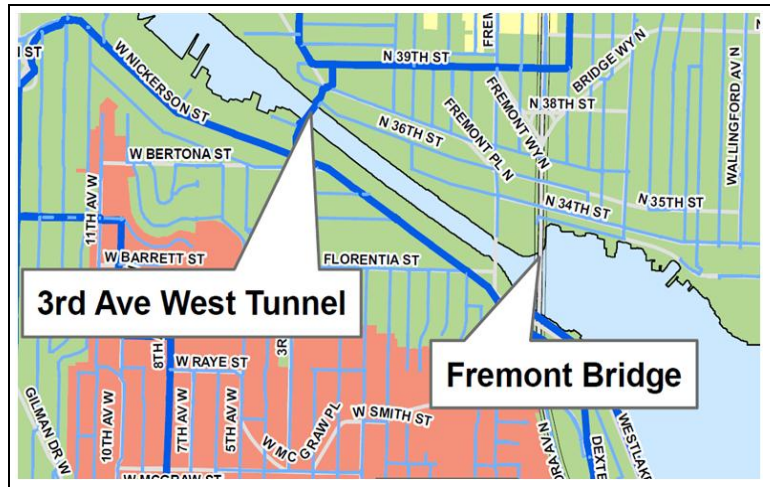
## 3<sup>rd</sup> Avenue West Tunnel Water Main Replacement

### General Information

Any project inquiries should be in writing and directed to:

Paj Hwang, P.E. Project Manager  
Seattle Public Utilities  
700 Fifth Ave., Suite 4900  
PO Box 34018  
Seattle, WA 98124-4018

Phone: 206.386.4198  
Email: Paj.Hwang@Seattle.gov



Project Location

### Background

The City of Seattle constructed the 3<sup>rd</sup> Avenue West Utility Tunnel (Utilidor) and water main within the Tunnel in 1913. See the above Figure for the location of the Utilidor. The Utilidor naturally fills with groundwater and needs to be dewatered to allow access. In July 2011, the 24-inch water main located within the Utilidor failed and was taken out of service. The water main could not be repaired at that time because of King County's concern about the condition of their aging sewer mains which are also co-located within the tunnel and fully operational. King County is in the process of microtunnelling separate sewer mains outside the tunnel, and SPU will be able to replace the failed 24-inch water main and restore water service in the Utilidor once King County's new sewer mains are functional. King County's project is anticipated to be complete by the 4<sup>th</sup> quarter of 2016. Construction of the water main is anticipated to commence just after the completion of King County's project. At this time, SPU has estimated the construction cost for the project to be approximately \$3 Million.

### Project Scope

The scope of work is to select a consultant to prepare the design and perform construction engineering for the replacement of the existing 24-inch water main within the 3<sup>rd</sup> Avenue West Utility Tunnel. Project elements may include:

- Preparation of Pre-Design Report(s)
- Utility Design
- Permitting Assistance
- Seismic Evaluation of Utilidor
- Assistance with Construction Administration
- Assistance Construction Inspection

### Contracting Opportunities

Schedule of Events	Target Date
RFQPA Release	Anticipated 2 <sup>nd</sup> Quarter 2014
Pre-Proposal Conference and Site Visit	Anticipated 2 <sup>nd</sup> Quarter 2014

## Existing Conditions

Below is a schematic of the existing Utility Tunnel and photo.

